ESTABLISHED NEARLY A CENTURY.

The "Brownlow" Filter

H.H. BROWNLOW
R.S. BROWNLOW

SLACK & BROWNLOW

PATENT

TOWN MILLS,
TONBRIDGE, KENT,
ENGLAND.

Water Filtered through Cylinders of Kieselguhr

Sterilizes Water

Telephone: TONBRIDGE 155.
Telegrams: TUBIPORES, TONBRIDGE.
Code: A.B.C. 5TH EDITION.

LONDON ADDRESS:
SARDINIA HOUSE KINGSWAY, W.C.2.
Telephone: HOLBORN 5251. Telegrams: TUBIPORES, ESTRAND.

The "Brownlow" Filter

PATENT

THE DIFFERENT SIZES OF CYLINDERS OR CANDLES

used in the "Brownlow" Filters are shown below, and their marvellous power in sterilizing water is the result of exhaustive experiments extending over many years. Germs and sediment cannot penetrate into the body of the cylinders, but are arrested on the outer surface, producing a slimy coating which can be easily removed by washing with sponge or soft brush, as shown in diagram. Occasionally the cylinders should be boiled to destroy all germs.

Many Eminent Scientists, including **Prof. Pasteur** and **Dr. Koch,** have proved beyond doubt that **porous cylinders** possess **great power** in the **sterilization** of water. Water literally teeming with germs and impurities is rendered bright, sparkling and **absolutely sterile. G. Sims Woodhead, M.D., F.R.S.E.,** and **G. E. Cartwright Wood, M.D., B.Sc.,** state: "We have subjected several candles of the 'Brownlow' make to the most stringent tests, and on every occasion the filtrate remained absolutely sterile." (See *British Medical Journal*, January 22, 1898.)

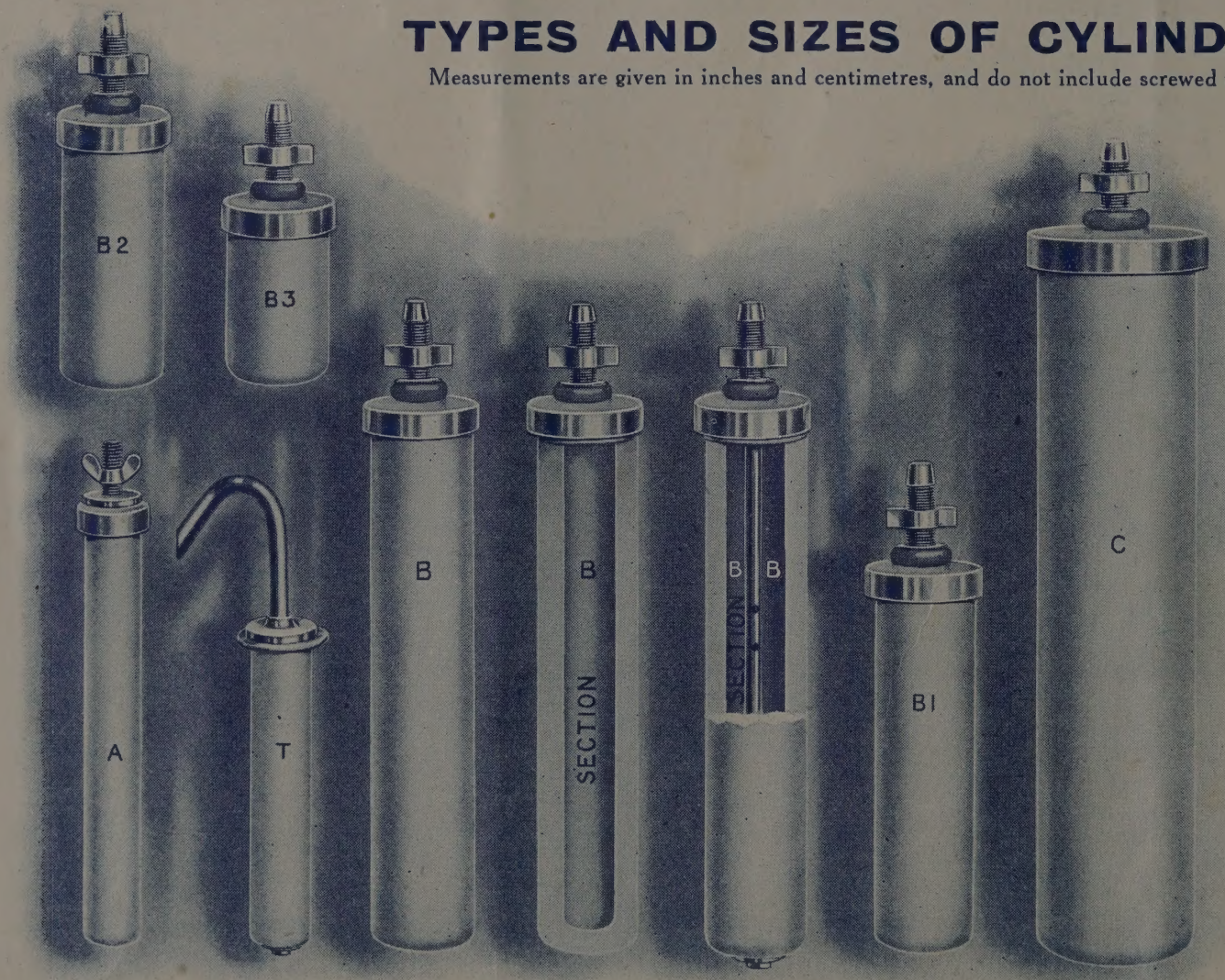
The Highest Award of the Sanitary Institute of Great Britain has been given to the "Brownlow" Filter in the years **1902, 1903, 1904, 1908, 1912, 1913** and **1914.**

The Board of Trade (Marine Department) states: "The 'Brownlow' Filters have undergone stringent tests, and may be passed as part of the Medical stores required by the Board's Medical Scale for emigrant and merchant ships."

E. Cronin Lowe, M.D., B.S. London, writes (Nov. 1921): "Your Filters have on several occasions been tested by filtering through them in a suction apparatus suspensions of **living organisms,** and **in every case** they have proved **capable of removing all organisms** from the filtrate which has passed through. In this way **Streptococci, Staphylococci, Bacillus Coli, and Bacillus Influenza** have been tested satisfactorily."

TYPES AND SIZES OF CYLINDERS.

Measurements are given in inches and centimetres, and do not include screwed tailpiece.



TO CLEAN BROWNLOW FILTERING CYLINDERS.
Brush the whole surface lightly, using plenty of water until all discolouration disappears.

LENGTH AND DIAMETER.

	A	T	B	BB	B1	B2	B3	C
Inches ..	8 × 1	7 × 1	10 × 2	10 × 2	7 × 2	5 × 2	3½ × 2	13 × 3
Centimetres	20 × 2½	17¾ × 2½	25½ × 5	25½ × 5	17¾ × 5	12¾ × 5	9 × 5	33 × 7½
Price	**3/6**	**5/6**	**5/-**	**7/6**	**4/6**	**4/-**	**3/6**	**9/6 each.**

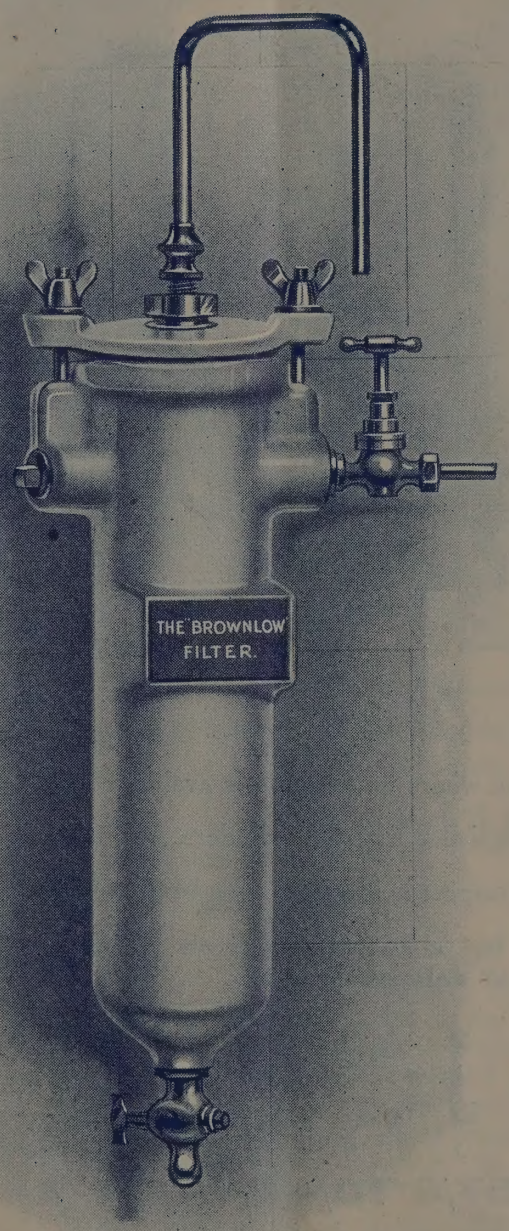
BARCODE ON BACK COVER

The "Brownlow" Filter

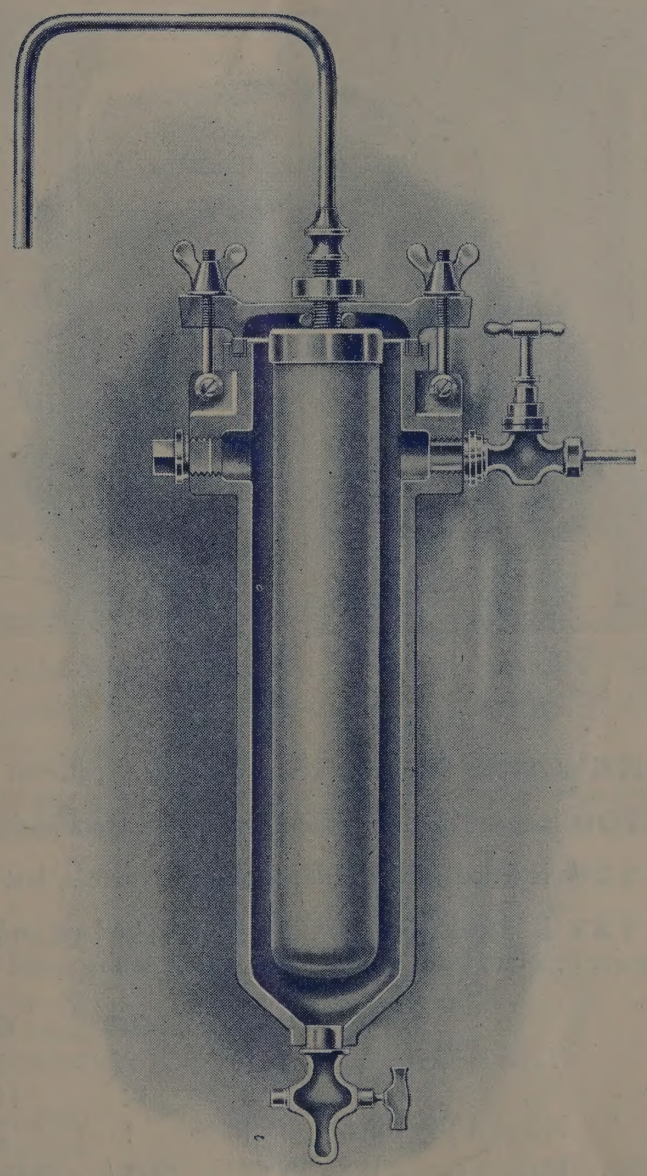
PATENT

THE RAPID SERVICE FILTER.

119



119 Section.



No. 119—The **best filter** for domestic use where town's pressure is available.

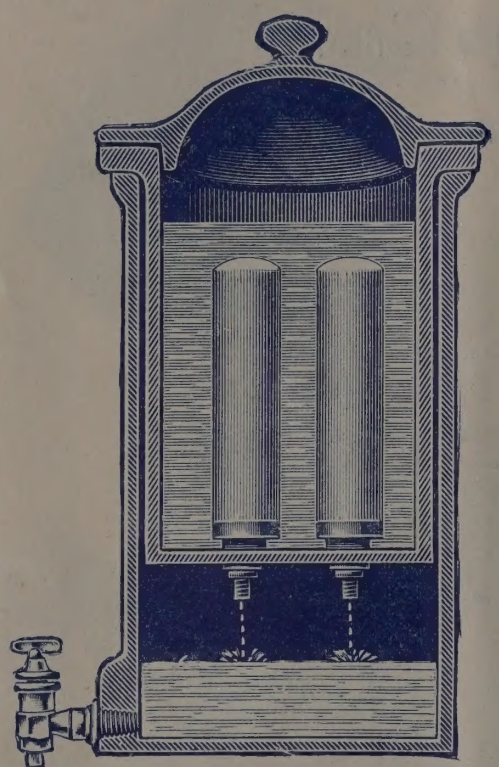
	PRICE.	Price of Spare Filtering Cylinders.
Size 1—**Made in cast iron, porcelain enamelled white inside, brown outside, with nickel-plated taps and fittings.** Yields 25 gallons per hour (113 litres)	**40/-**	**5/-**
Size 1W—Same as Size 1, porcelain enamelled white inside and outside	**45/-**	**5/-**
Size 2—Same dimensions as Size 1, handsomely made in brass, nickel-plated, well tinned inside	**85/-**	**5/-**
Size 3—Same details as Size 1, but of larger dimensions, yields 50 gallons per hour (227 litres) ..	**85/-**	**9/6**

The "Brownlow" Filter

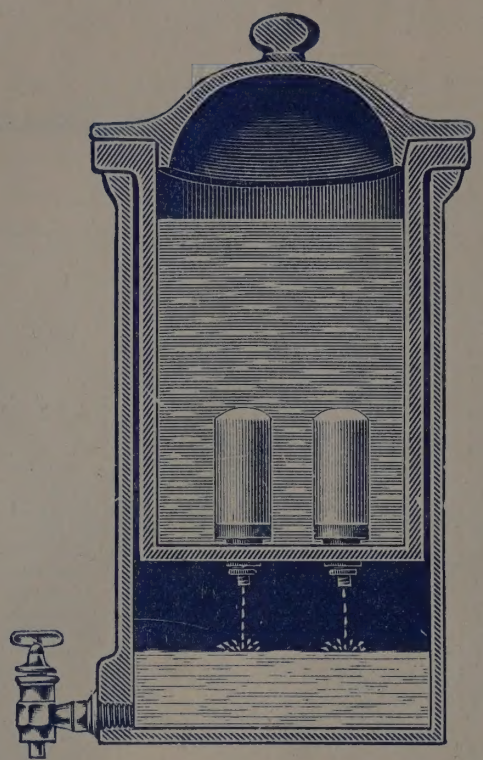
PATENT

STONEWARE FILTERS. For Household Use.

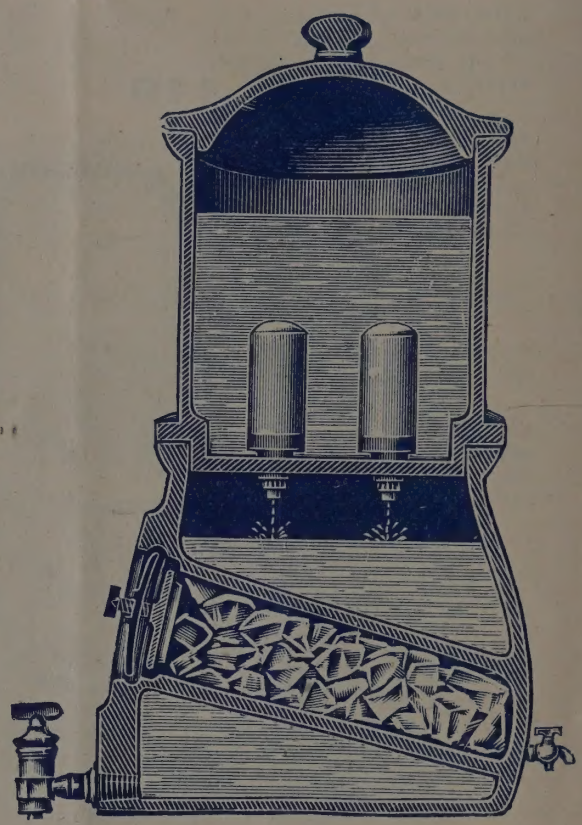
100



126



127



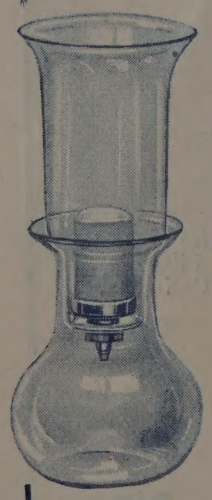
STONEWARE FILTERS are excellent patterns for domestic use where no pressure is available, and for rain water.

No. 100 is manufactured in leadless glazed stoneware, and fitted with size B filtering cylinders.

No. 126 is fitted with size B2 filtering cylinders, but in every other respect is identical with **No. 100.**

No. 127 is fitted with size B2 filtering cylinders, and is suitable for **hot climates,** having **an ice compartment,** which is quite separate from the filtered water chamber, and **keeps the water deliciously cool.**

Size	000	00	0	1	2	3	4	Sizes and prices of Spare Filtering Cylinders
Total capacity—gallons	1½	2½	3	4	6	7	8	Size. Price.
„ „ litres	8	12	14	18	27	32	36	
Number of cylinders	1	1	2	3	3	4	5	
No. 100—Price	**19/-**	**24/-**	**30/-**	**42/6**	**57/6**	**70/-**	**84/-**	**B 5/-**
No. 126— „	**17/6**	**22/6**	**27/6**	**38/6**	**52/6**	**64/-**	**77/6**	**B2 4/-**
No. 127— „	—	—	**35/-**	**45/-**	**63/-**	**75/-**	**90/-**	**B2 4/-**



108A.

GLASS TABLE FILTERS.

No. 108A—Contents 2½ pints (1½ litres) .. .. Price **10/6** each.

No. 108B—With handle, contents 5 pints (3 litres) .. .. „ **15/-** „

Spare Cylinders **4/-** each.

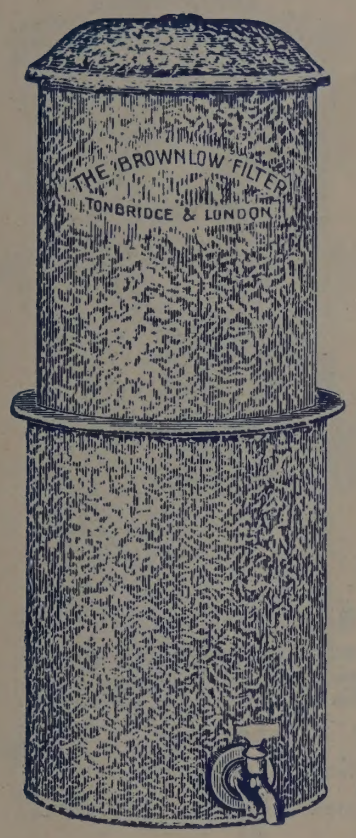
108B.

The "Brownlow" Filter

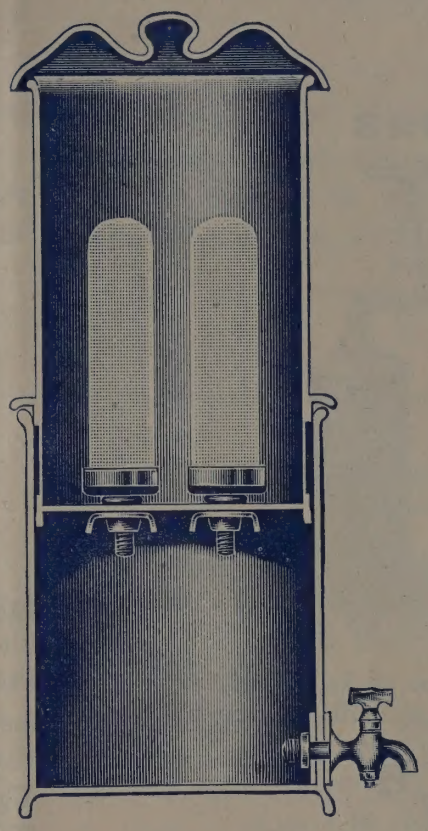
PATENT

ENAMELLED IRON FILTERS.

E

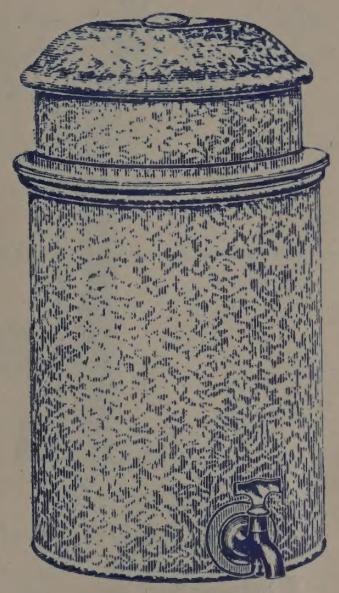


E Section.



This filter, being made in enamelled iron, is very light and unbreakable, and is therefore specially suitable for travellers, bungalows, camps and up-country stations. The upper portion telescopes into the lower one, as shown in sketch, thus ensuring great economy in packing, as the height is thereby reduced to nearly one-half size.

Filter E telescoped for packing.



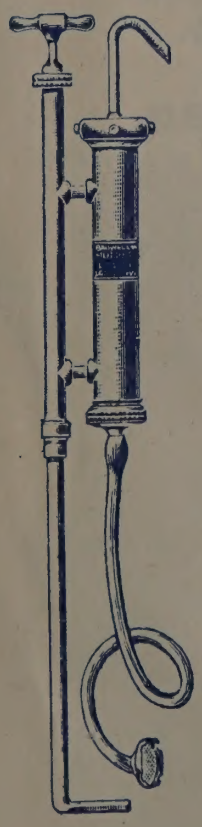
E2. 2½ gallons capacity (12 litres), with one filtering cylinder. Weight, 7 lbs. .. .. Price **37/6** each.

E3. 4 gallons capacity (18 litres), with two filtering cylinders. Weight, 9 lbs. .. .. .. Price **47/6** each.

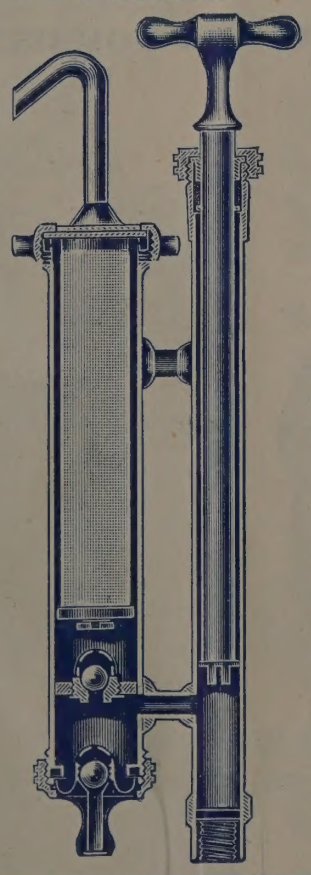
Spare Filtering Cylinders, size B1, **4/6** each.

TRAVELLERS' PUMP FILTER.

114



114 Section.



A simple, convenient, and most efficient combination of filter and pump, enabling travellers in all countries to obtain a rapid supply of pure and wholesome water from any source.

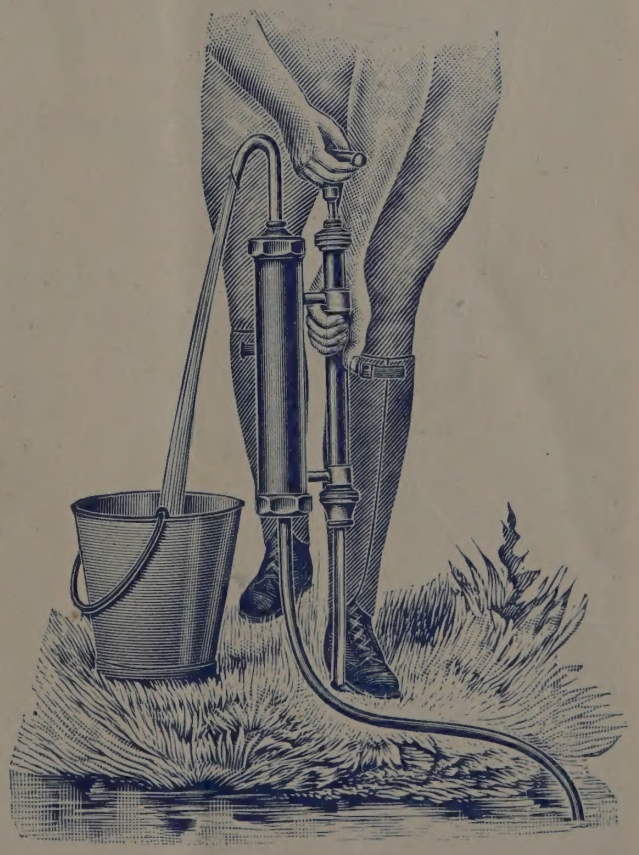
These filters have been supplied largely to officers and medical officers in South and West Africa, India and other tropical countries, to foreign Mission Stations, to scientific, prospecting, and sporting expeditions, and travellers generally.

The filter is tinned inside and nickel-plated outside. Length about 12 inches and weighs about 5 lbs. (2½ kilos.).

Complete with hose pipe, rose and foot stirrup. Price, **55/-.**

Spare Cylinder, **5/6.**

Strong waterproof case, with straps suitable for saddle or shoulders. Price, **12/6** extra.

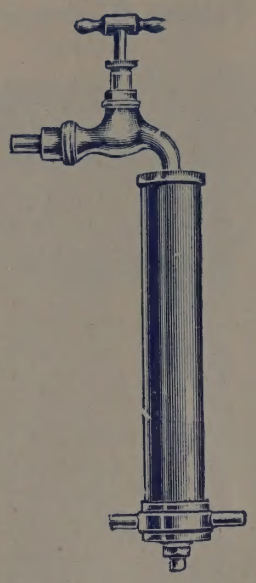


The "Brownlow" Filter

PATENT

PRESSURE FILTERS.

115

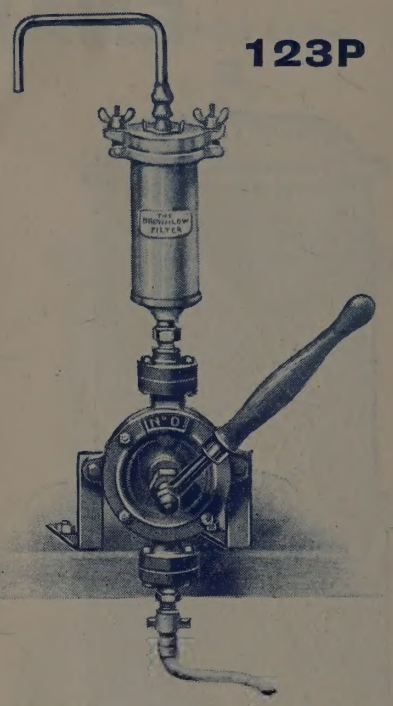


Made in Brass, nickel-plated, complete with tap, yields 8 gallons (36 litres) per hour.
Price, **21/-** each.
Spare Cylinders, **3/6** each.

123

Made in Brass, nickel-plated, yields about 10 gallons (45 litres) per hour.
Price, **27/6** each.
Spare Cylinders, **4/-** each.

123P



No. 123P nickel-plated brass filter, fitted with semi-rotary pump.
Price, **£6 17 6** each, including 3 ft. hose pipe and rose.
Extra Cylinders, **4/-** each.
Yields about 10 gallons (45 litres) per hour.

TOURISTS' FILTER.

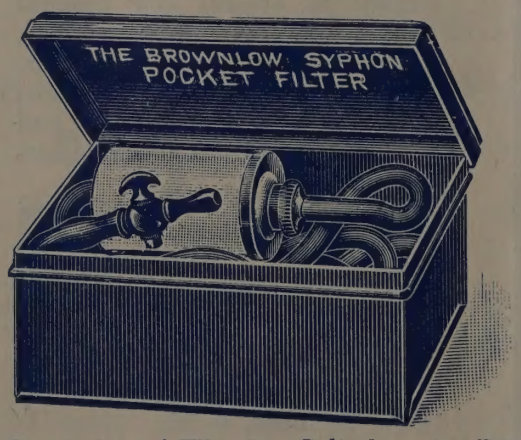
38G

Made in enamelled iron, weight 1½ lbs. (700 grs.). Size, 8 × 6 inches (20 × 15 centimetres)
Capacity, 3 pints (2 litres).
Price, **10/6.**
Spare Cylinder; **3/6.**
Price does not include Jug.

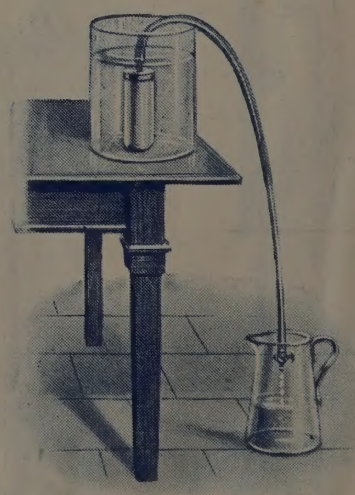
SYPHON FILTER.

FOR TRAVELLERS AND TOURISTS.

130



130
Filter in use as a Syphon.



Consisting of Filtering Cylinder, size B2 (5 × 2 inches), India-rubber tube and vulcanite tap in lacquered tin case. Price complete, **16/6** each.
Spare Cylinders, **4/-** each.

The "Brownlow" Filter

PATENT

100

SHIP AND YACHT FILTERS.

BOARD OF TRADE PATTERN.

Where fresh water has to be stored in tanks, or only river water is obtainable, these Filters are most suitable.

The Marine Department of the Board of Trade has sanctioned the use of these Filters as complying with the regulations for Merchant and Emigrant Ships, prescribed by the revised Medical Scale.

Made in Plain Stoneware. Capacity 2½ gallons. Price **24/-** each.

For other sizes see page 4.

PUMP FILTERS.

Specially designed for Ships, Country Houses, Camps and up-country Stations, where larger and quicker supplies of pure drinking water are required. The Semi-rotary Pump attached to the filter provides the necessary pressure.

These filters can be fitted against any wall or partition in the pantry, or other convenient position, and the unfiltered water drawn from fresh water cistern, from a bucket, or direct from a stream, river or lake.

No. 123P (page 6) is a similar pattern for smaller supplies.

124

No. 124.

Price complete, with semi-rotary pump, nickel-plated tap and fittings, also 3 feet of rubber hose, with rose. Yields approximately 15 gallons (70 litres) per hour.

Price, **£7·5·0** each.

Spare Filtering Cylinders, **5/-** each.

No. 125.

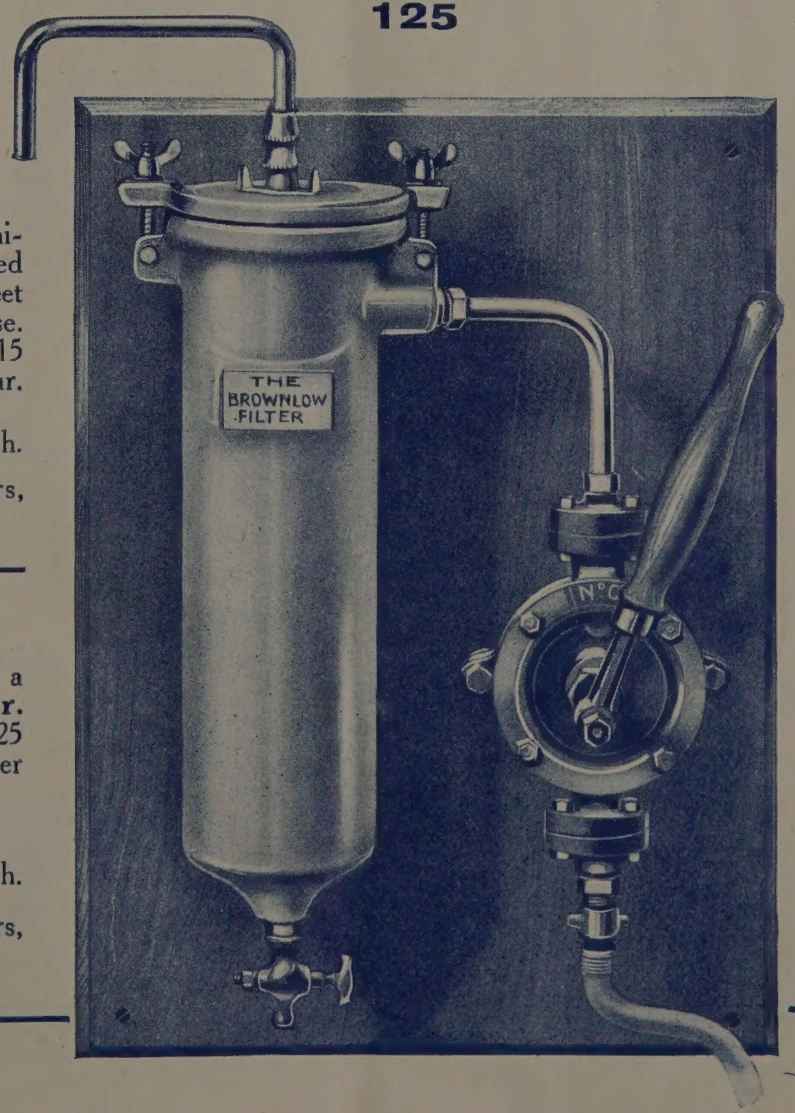
Similar to above, but a **much larger filter.** Yields approximately 25 gallons (110 litres) per hour.

Price

£10·10·0 each.

Spare Filtering Cylinders, **9/6** each.

125



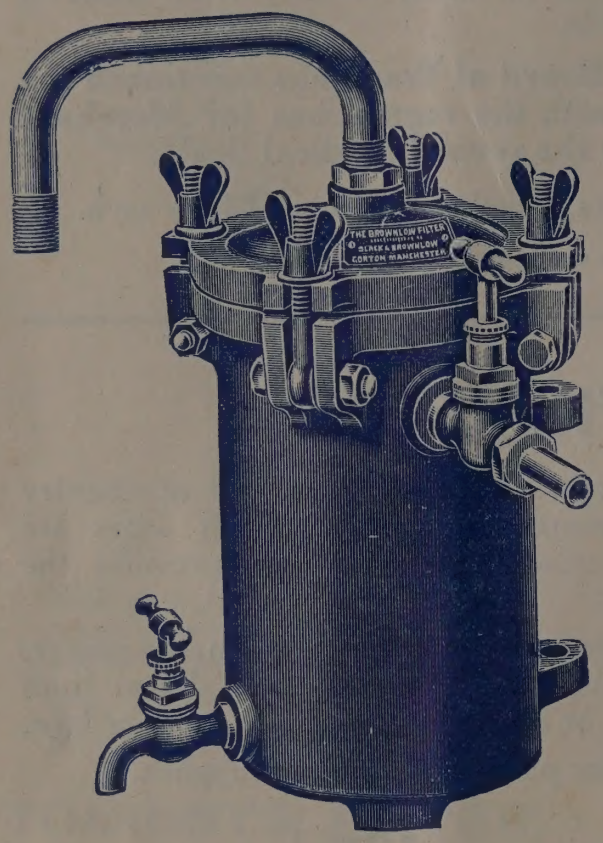
The "Brownlow" Filter

PATENT

THE "CATARACT" FILTER.

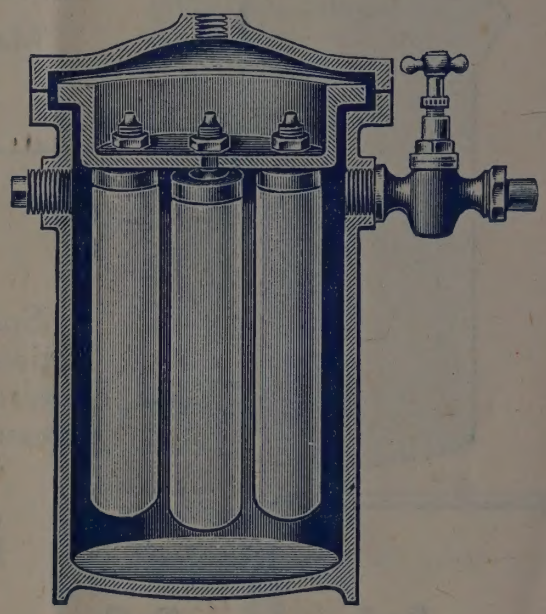
For Attachment to Town's Water Supply or Pump.

121



An Ideal Filter for Mineral Water Factories.

121 Section.



This pattern is a large supply Filter for Mineral Water Manufacturers, Brewers, Laundries, Dairies, Small Water Works, and all firms requiring pure water in large quantities. Made in cast iron, porcelain enamelled inside, and supplied complete with taps and fittings.

Size.	No. of Cylinders.	Size of Supply Pipe.	Quantity per hour.		PRICE COMPLETE.
			gallons.	litres.	
3	Three	½ inch	75	340	**£6 15 0**
5	Five	½ ,,	125	578	**£8 15 0**
7	Seven	¾ ,,	175	795	**£12 10 0**
15	Fifteen ..	1 ,,	350	1590	**£25 15 0**
21	Twenty-One ..	1¼ ,,	500	2270	**£36 10 0**

Extra Cylinders **5/-** each.

For larger supplies several of these filters can be connected together, and the amount of sterile water increased considerably.

Note.—The quantities of filtered water given can only be taken as approximate, owing to the variations in quality and pressure of water, consequently buyers are recommended to purchase a larger filter than is actually required.

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